

8. SOUTHWEST REGION

This chapter represents the activities to be performed by the MDOT Southwest Region in fulfillment of the Permit requirements. Each region has its own chapter within this Storm Water Management Plan (SWMP) containing the required activities it will perform as described in the SWMP Activities (Section 3.7).

Included in this chapter is an outline of the proposed procedures described in the activities that will be incorporated into MDOT roadway projects, a map of the Southwest Region facilities (Figure 8-1), contact and address information (Table 8-1), a table containing the activities the Southwest Region will implement (Table 8-2) and the Phase II IDEP Investigation Maps for the Southwest Region (Figures 8-2 through 8-8). Each activity fact sheet is represented in Table 8-2 with a checkmark next to the applicable activities. Each activity is also indicated as a statewide or an urbanized area requirement per the Permit.

The facility map is included to indicate locations where pollution prevention measures are taken. Contact information is provided on the MDOT employees in managerial positions for each Region/Transportation Service Center (TSC). The Phase II IDEP Investigation Maps were developed as part of the Illicit Discharge Elimination Program (IDEP). The maps indicate MDOT roadways that cross impaired waterbodies within urbanized areas. Impaired waterbodies refer to those waterbodies listed on the MDEQ 2004 305(b) and 303(d) Impaired Waterbodies List.

The following outline of proposed SWMP procedures shows the order in which individual activities, as described in Chapter 3, are followed within the scope of a typical MDOT roadway project. Once these procedures are developed, they will be incorporated into MDOT projects on a case-by-case basis depending on the scope and needs of the project.

1. Early coordination with MDEQ or other regulatory agencies will be sought during the initial design of selected projects (MDEQ Early Coordination Workgroup and Activity C-4).
2. Consideration will be given to transportation-related areas of concern as identified by Metropolitan Planning Organizations (MPO)s with storm water quality control programs. Best management practices (BMPs) to address areas of concern will be incorporated into MDOT roadway projects to the maximum extent practicable (MEP) (Activity C-2).
3. Permanent BMPs (post-construction) will be selected based on MDOT BMP selection criteria (Activities C-3 and C-6) with consideration given to MDEQ or other regulatory agency input (Activity C-4) to the MEP. BMP selection will also be based on approved BMPs in the MDOT Drainage Manual and any Total Maximum Daily Load (TMDL) requirements (BMP Design and Maintenance Workgroup) (Activity C-5).
4. Maintenance requirements will be developed for new permanent BMPs (BMP Design and Maintenance Workgroup and Activity C-1).
5. Permanent BMPs will be properly installed and maintained following BMP selection (Activities C-6 and C-1).

6. Construction activities will be conducted under MDOT's approved Soil Erosion and Sedimentation Control (SESC) Plan and the State of Michigan's Permit by Rule.
7. The outfall labeling procedure will be implemented if new outfalls are planned. The consultant conducting outfall mapping will be notified that new outfalls are in place (Outfall Labeling Workgroup and Activity C-10).
8. Newly discovered outfalls will be identified and mapped (Outfall Mapping Workgroup and Activity I-5).
9. New flow control structures in urbanized areas will be reviewed and assessed for water quality benefits gained based on calculated pollutant removal rates (Activity C-11).
10. SWMP activities will be tracked and documented (Activity A-1). Examples include tracking the number of outfalls labeled and tracking maintenance activities through the Maintenance Activity Reporting System (MARS) (Program Assessment and Reporting Workgroup).

For specific roadway projects scheduled to be completed in the Southwest Region, refer to MDOT's 2005-2009 Five Year Transportation Program. The 2005-2009 Five Year Transportation Program is a report highlighting Michigan's plan for preserving and improving its transportation network. The report describes the planned projects for each MDOT region. A link to the report is available on the MDOT Storm Water Management Web site. The 2005-2009 Five Year Transportation Program is currently underway and will limit the ability to implement new procedures not yet adopted by MDOT. Therefore, new procedures will be incorporated as they are adopted.

Figure 8-1 Southwest Region Facilities Map

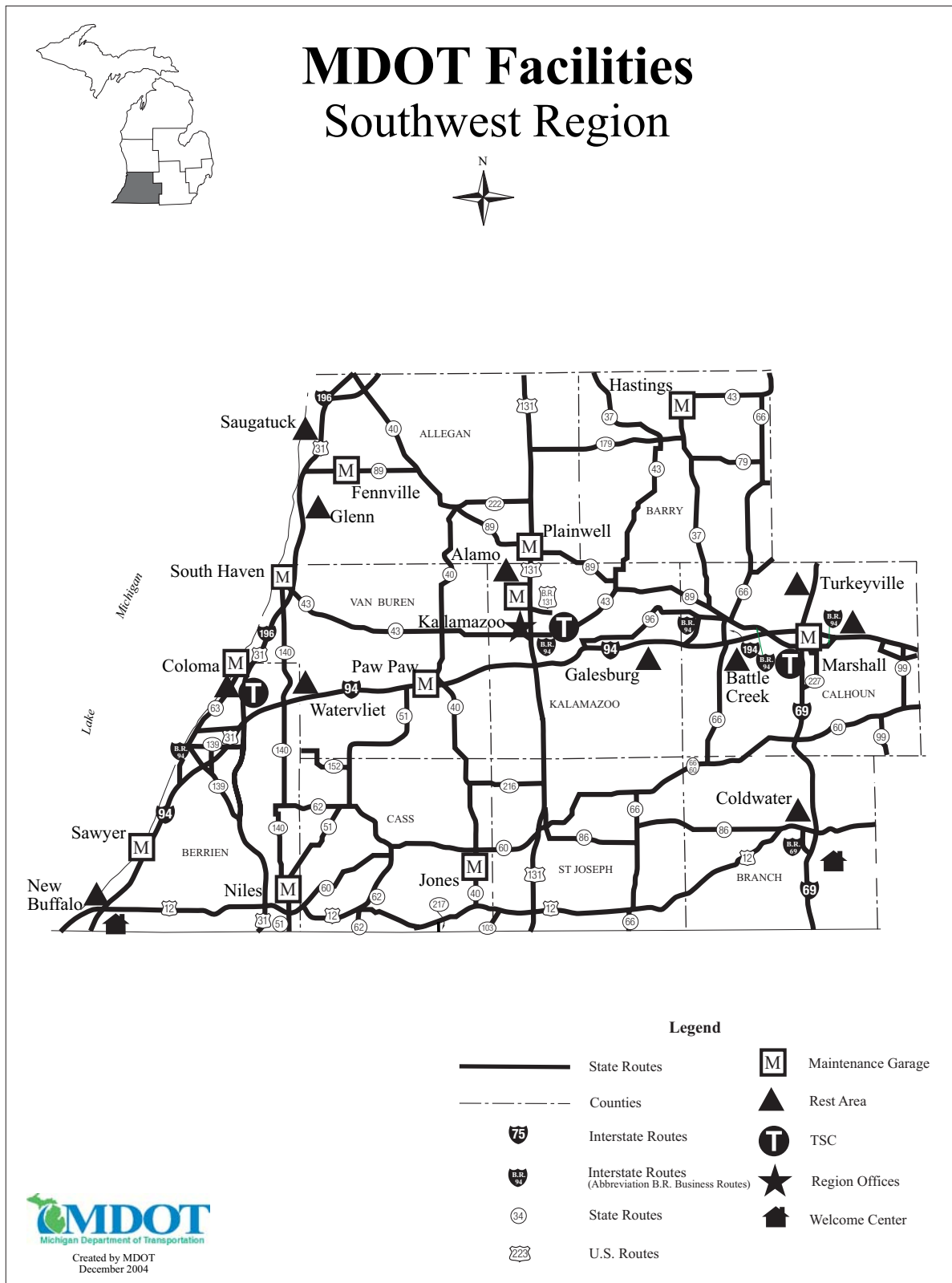


Table 8-1 Southwest Region Contact Information

Southwest Region Office Region Engineer: Roberta Welke Region Storm Water Coordinator: Nicholaus VanWoert	1501 East Kilgore Road Kalamazoo, MI 49001 Phone: 269-337-3900 FAX:269-337-3909
Coloma TSC Manager: Paul South 3880 Red Arrow Hwy. Benton Harbor, MI 49022	Phone: 269-849-1165 FAX: 269-849-1227 Toll Free: 877-321-6368
Kalamazoo TSC Manager: Mark Geib 5372 South 9th St Kalamazoo, MI 49009	Phone: 269-375-8900 FAX: 269-544-0080 Toll Free: 877-320-6368
Marshall TSC Manager: Brad Wieferich 15300 W. Michigan Ave. Marshall, MI 49068	Phone: 269-789-0592 FAX: 269-789-0936 Toll Free: 877-324-6368
For storm water-related concerns at the rest areas, the following individual should be contacted: Region Storm Water Coordinator: Nicholaus VanWoert	Phone: 269-337-3900 FAX:269-337-3909
Marshall Rest Area 702 I-94 WB, Mile Marker 113	Calhoun County West bound on I-94, 0.5 miles east of Exit 112.
Battle Creek Rest Area 703 I-94 EB, Mile Marker 96	Calhoun County East bound on I-94 0.5 mile east of Helmer Road.
Galesburg Rest Area 704 I-94 WB, Mile Marker 85	Kalamazoo County West bound on I-94, 0.25 miles west of Exit 85.
Watervliet Rest Area 706 I-94 WB, Mile Marker 42	Berrien County West bound on I-94, 0.3 miles east of the M-140 interchange.
New Buffalo Welcome Center 707 I-94 EB, Mile Marker 0	Berrien County
Alamo Rest Area 709 US-131 SB, Mile Marker 43	Kalamazoo County South bound on US-131, 1 mile south of exit 44.
Coldwater Welcome Center 716 I-69 NB, Mile Marker 6	Branch County
Turkeyville Rest Area 722 I-69 SB, Mile Marker 40	Calhoun County South bound on I-69, 0.25 miles south of L Drive.
Coloma Rest Area 723 I-94 EB, Mile Marker 36	Berrien County East bound on I-94 at mile marker 35.

Glenn Rest Area 726 I-196 NB, Mile Marker 28	Allegan County North bound on I-196, 0.8 mile north of 109th Street.
Saugatuck Rest Area 727 I-196 SB, Mile Marker 43	Allegan County South bound on I-196, 0.5 mile south of 140th Avenue.

Table 8-2 Southwest Region Activity Requirements

Activity #	Statewide (S) or Urbanized Area (UA)	Implemented in this Region
E-1: Maintain and Use Lansing Information Center	S*	√
E-2: Publish Articles in MDOT Publications	S*	
E-3: Provide Information on Watershed Stewardship on the MDOT Public Web site	S*	
E-4: Provide Education Materials Along with Tap-in/Discharge Permit Applications	S	√
E-5: Notify and Invite Public to Review and Comment on the Storm Water Management Plan (SWMP)	S*	√
E-6: Determine Partnership Potential with MDEQ Statewide Public Education Program	S*	
T-1: Present Applicable Training Modules to the Job-Related Public	S	√
T-2: Certify MDOT's Staff for Pesticide/Fertilizer Application	S*	√
T-3: Train Staff Responsible for Administering Part 91 and those having Decision Making Authority for SESC Development or Review, Inspections, or Enforcement; and Storm Water Operators as Required under Part 31	S*	√
T-4: Survey MDOT Staff on Storm Water Knowledge	S*	√
I-1: Submit and Implement Mapping Schedule for Outfalls	UA*	√
I-2: Perform Inventory and Dry Weather Screening on Outfalls	UA*	√
I-3: Receiving and Notifying MDEQ of Illicit Discharges and Actions Taken	S	√
I-4: Report Updates and Changes to Legal Authority Status	S*	
I-5: Map Known Outfalls (statewide)	S*	√
C-1: Maintenance Requirements for MDOT Permanent BMPs	S	√
C-2: Identify and Coordinate with MPOs Having Storm Water Quality Control Programs	S	√
C-3: Procedure to Select, Apply, and Maintain Permanent BMPs for Storm Water Management Activities (Post-Const.)	S	√
C-4: Procedure to Work with MDEQ for Early Coordination on Initial Design Projects	S*	√
C-5: Review Projects with Storm Water Discharges to Water Bodies with a Promulgated Total Maximum Daily Load	S*	√
C-6: Implement Procedures to Select, Apply, and Maintain Permanent BMPs for Storm Water Management Activities (Post-Const.)	S	√
C-7: Internal Quality Assurance/Quality Control (QA/QC) Protocol for Construction Storm Water Control	S*	√
C-8: Periodically Update Drainage Manual	S*	
C-9: Documentation and Tracking of Road Maintenance Activities	S	√
C-10: Procedure for Outfall Labeling	UA*	√
C-11: Review Flow Control Structures	UA	√
C-12: Audit the Pollution Incident Prevention Plan (PIPP) Requirements	S	√
A-1: Program Assessment and Reporting	S	√

* Indicates initial activity implementation is performed by others but Region will be affected.

Figure 8-2 Battle Creek Urbanized Area IDEP Investigation Locations

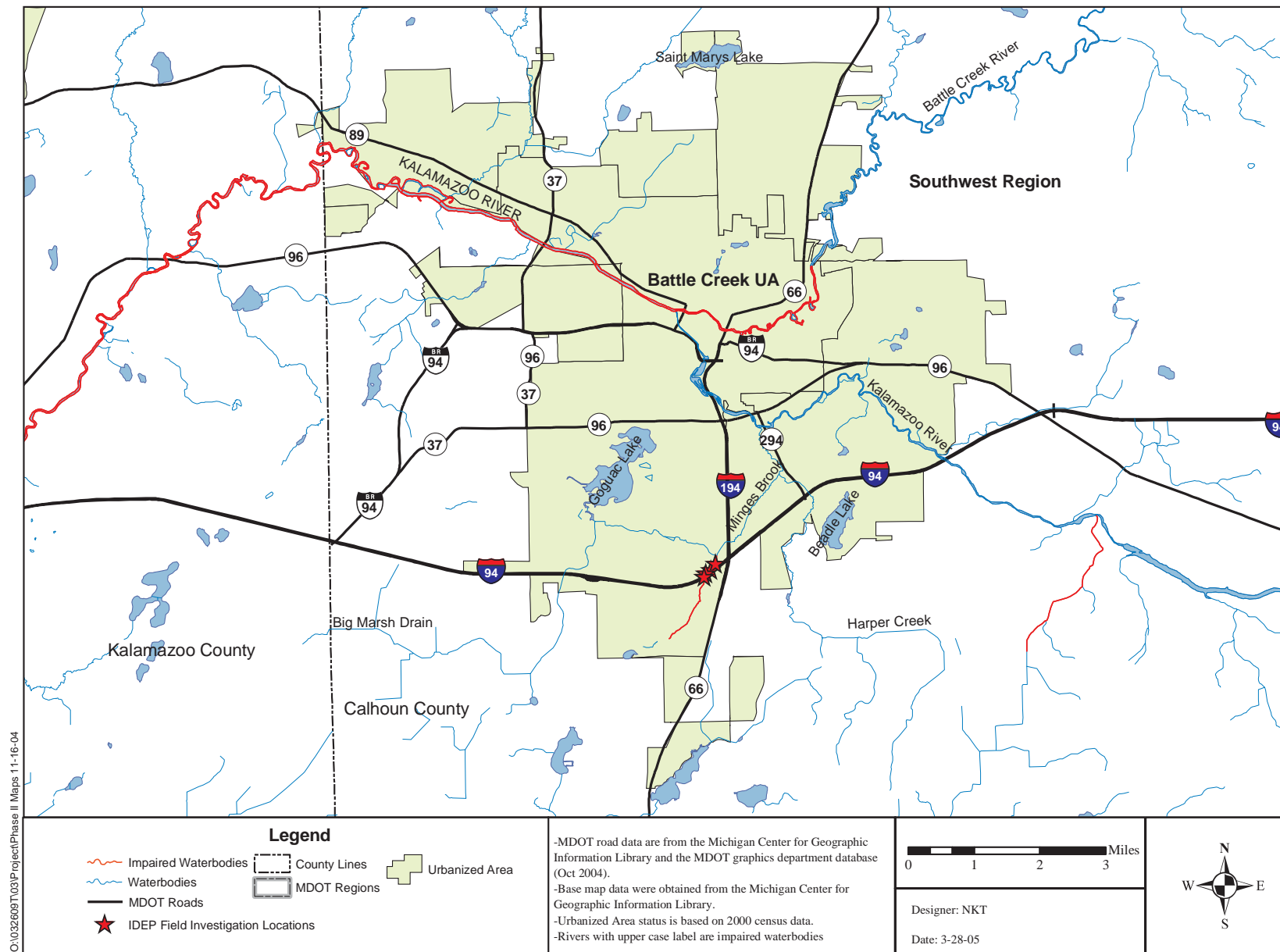


Figure 8-3 Benton Harbor-St. Joseph Urbanized Area IDEP Investigation Locations

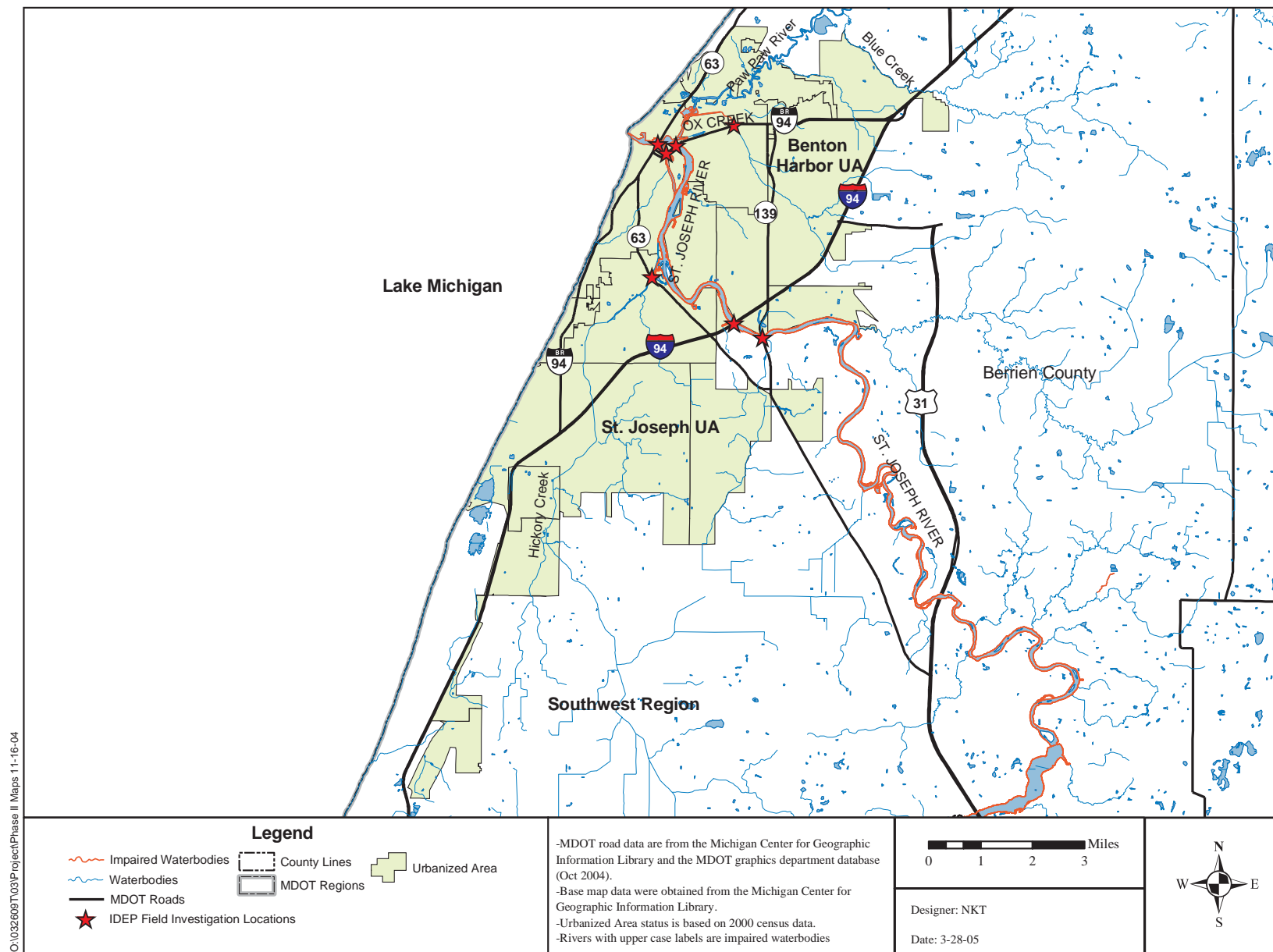


Figure 8-4 Elkhart Urbanized Area IDEP Investigation Locations

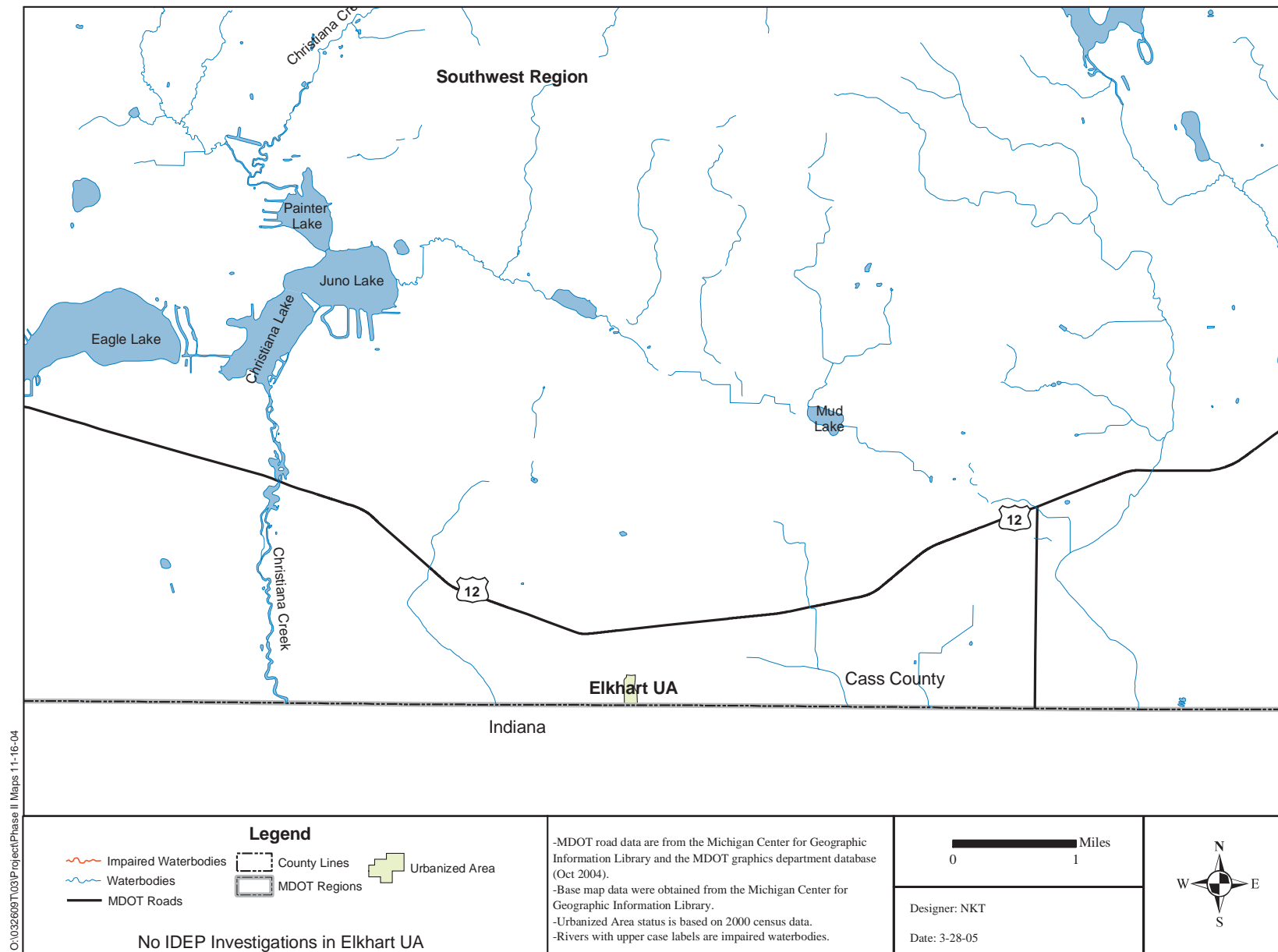


Figure 8-5 Holland Urbanized Area IDEP Investigation Locations

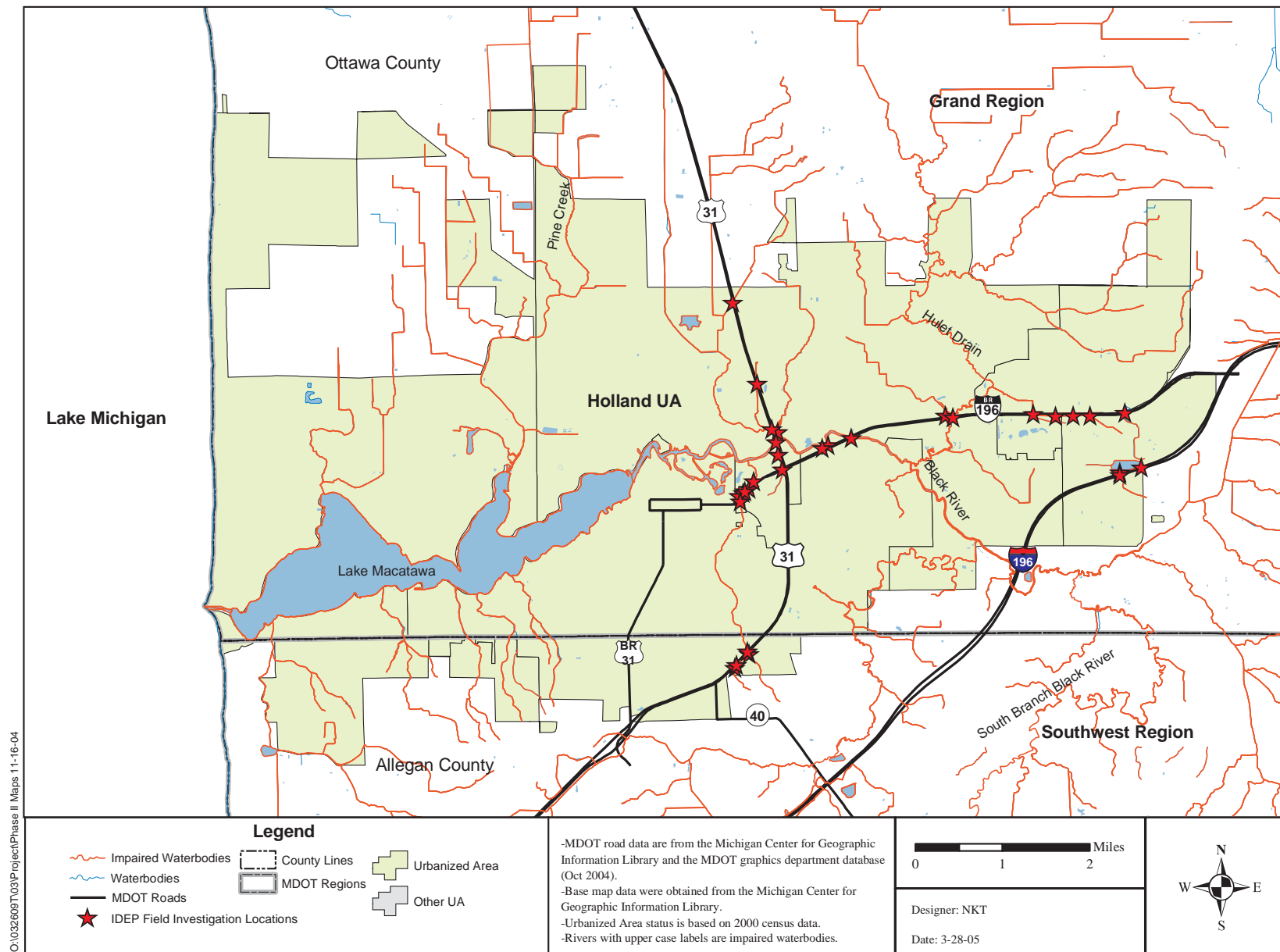


Figure 8-6 Kalamazoo Urbanized Area IDEP Investigation Locations

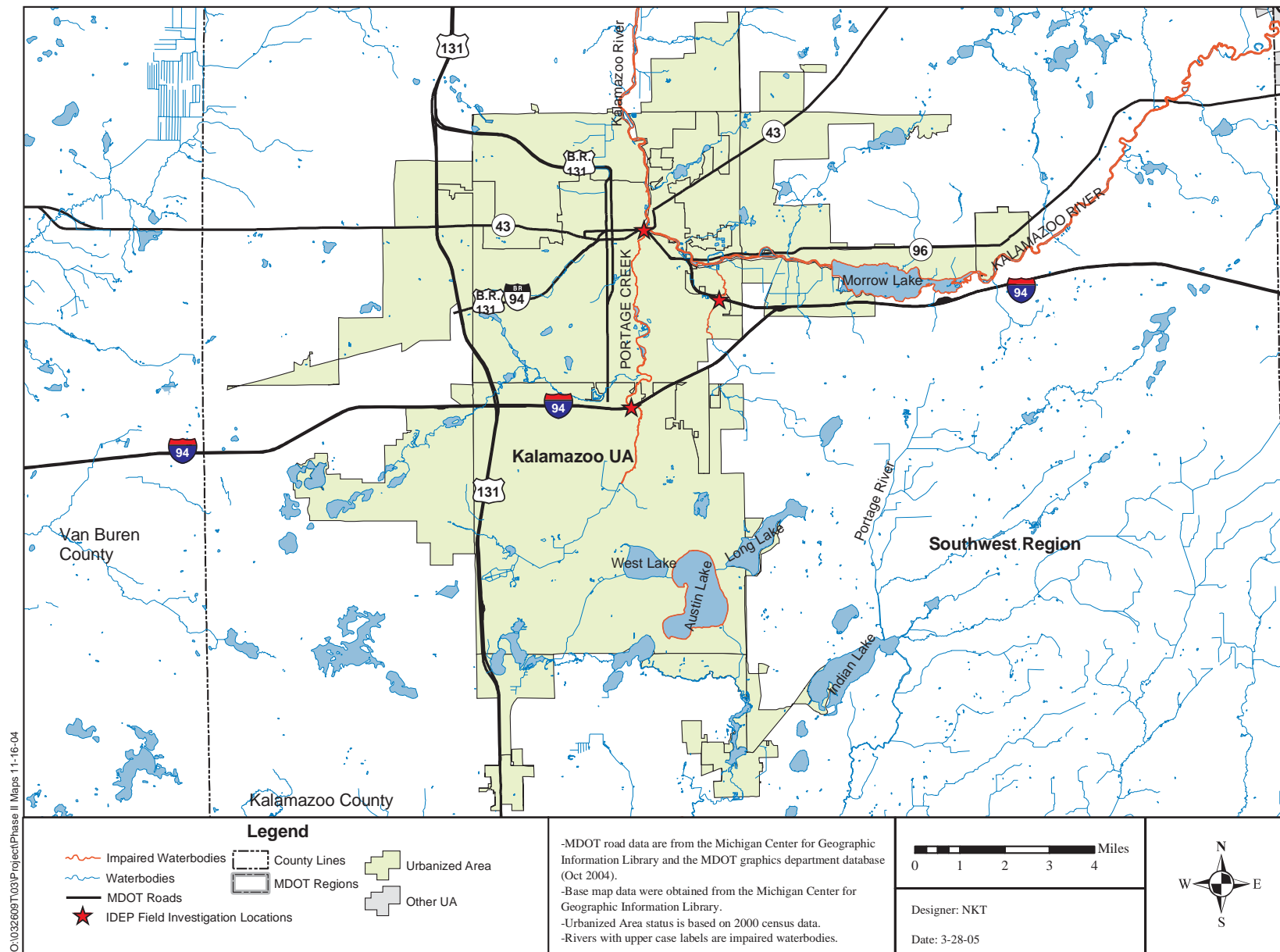


Figure 8-7 Michigan City Urbanized Area IDEP Investigation Locations

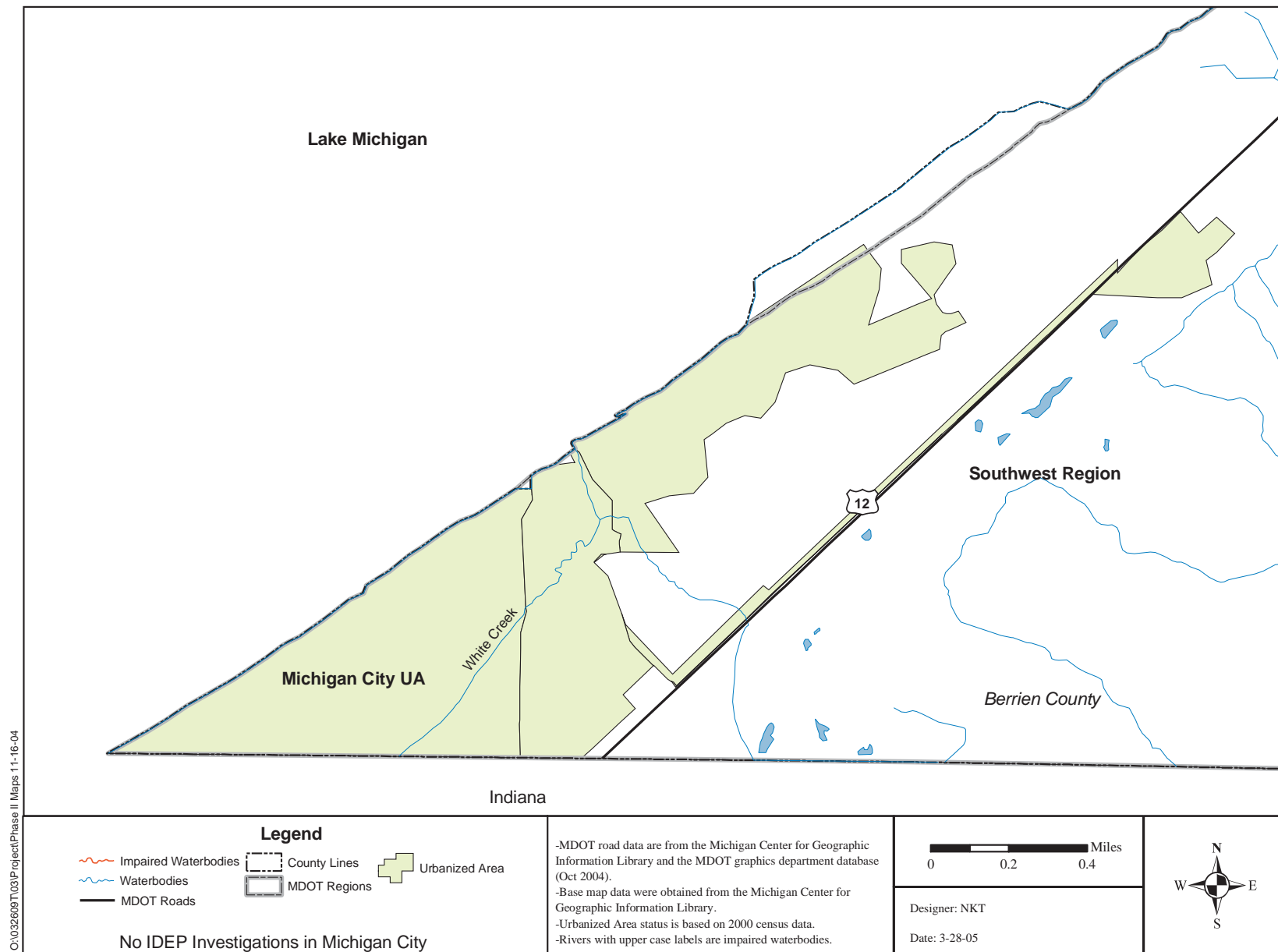
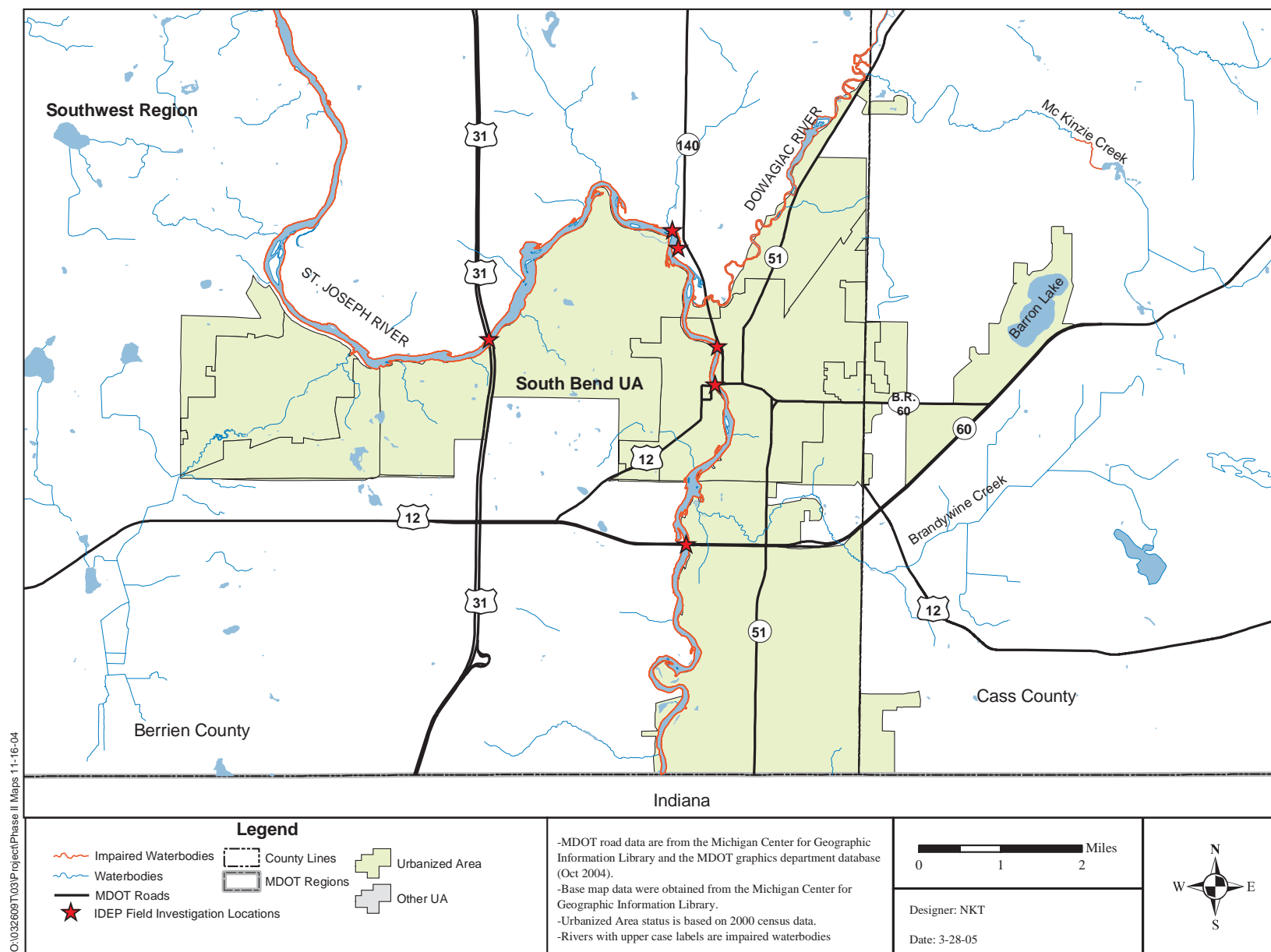


Figure 8-8 South Bend Urbanized Area IDEP Investigation Locations



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